

## Claims

1. A communication apparatus which has a function of storing an incoming-call history of a received call in a call register memory, comprising:

5           a setting information memory for recording setting information for setting up control relating to the incoming-call history; and

          a call register control part for controlling the incoming-call history stored in the call register memory, based on the setting information recorded in the setting information memory.

10       2. The communication apparatus of claim 1,

          wherein the setting information includes a deletion setting of indicating either one of deleting the incoming-call history and leaving the incoming-call history, and a caller's phone number setting of indicating whether to store a caller's phone number for specifying a caller in the call register memory, as the incoming-call history, and

15           the call register control part deletes the incoming-call history in the case it is set in the deletion setting to delete the incoming-call history, acquires the caller's phone number from the incoming-call history in the case it is set in the deletion setting to leave the incoming-call history, stores the caller's phone number and time of call in the call register memory in the case it is set to leave the caller's phone number in the caller's phone number setting, and stores the time of  
20       call in the call register memory in the case it is set in the caller's phone number setting not to store the caller's phone number in the call register memory and in the case the caller's phone number can not be acquired.

3. The communication apparatus of claim 2, further comprising:

25           a phone book memory for registering a telephone number for specifying a communication party, and

          wherein the call register control part judges if the caller's phone number has been registered in the phone book memory, and stores the caller's phone number and the time of call in the call register memory in the case the caller's phone number has been registered in the  
30       phone book memory.

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4. The communication apparatus of claim 2, further comprising:

a phone book memory for registering a telephone number for specifying a communication party, and

5 wherein the call register control part judges if the caller's phone number has been registered in the phone book memory, stores the caller's phone number and the time of call in the call register memory in the case the caller's phone number has been registered in the phone book memory, and stores the caller's phone number and the time of call in the call register memory in the case the caller's phone number has not been registered in the phone book memory and in the case a ringing state continues for longer than a specific time period after incoming of the call.

5. The communication apparatus of claim 3, further comprising:

a phone book memory for registering a telephone number for specifying a communication party, and

15 wherein the call register control part judges if the caller's phone number has been registered in the phone book memory, and stores the caller's phone number and the time of call in the call register memory in the case the caller's phone number has been registered in the phone book memory and in the case a ringing state continues for longer than a specific time period after incoming of the call.

6. The communication apparatus of claim 2, further comprising:

a phone book memory for registering a telephone number for specifying a communication party, and

a display part for acquiring the incoming-call history stored in the call register memory, displaying an acquired incoming-call history, in the case the caller's phone number included in the acquired incoming-call history has been registered in the phone book memory, displaying the caller's phone number and in the case the caller's phone number has not been registered in the phone book memory, not displaying the caller's phone number.

7. The communication apparatus of the claim 6,

wherein, for an incoming-call history whose caller's phone number is not displayed, in displayed incoming-call histories, the display part receives an instruction to refer to the caller's phone number, and displays the incoming-call history including the caller's phone number based on a received instruction, and

5       the call register control part extracts an incoming-call history for which the display part does not display a caller's phone number and did not receive the instruction to refer to the caller's phone number, and deletes an extracted incoming-call history from the call register memory.

10       8. The communication apparatus of claim 2,

wherein the call register control part further includes a display part for acquiring the incoming-call history stored in the call register memory and displaying an acquired incoming-call history, and

15       the call register control part examines the incoming-call history displayed by the display part, and deletes an examined incoming-call history from the call register memory based on the setting information.

9. An incoming-call history deletion method executed by a communication apparatus which has a function of storing an incoming-call history of a received call in a call register memory, for deleting a stored incoming-call history from the call register memory, comprising:

20       recording setting information for setting up control relating to the incoming-call history in a setting information memory,

judging if the incoming-call history is to be stored, based on the setting information recorded in the setting information memory, and

25       deleting the incoming-call history from the call register memory, based on a judging result.

10. The incoming-call history deletion method of claim 9,

the recording the setting information in the setting information memory records, as the setting information, at least a deletion setting of indicating either one of deleting the incoming-call history and leaving the incoming-call history, and a caller's phone number setting of

indicating whether to store a caller's phone number for specifying a caller, in the call register memory as the incoming-call history, and

the storing the incoming-call history in the call register memory deletes the incoming-call history in the case it is set in the deletion setting to delete the incoming-call history, acquires the caller's phone number from the call in the case it is set in the deletion setting to leave the incoming-call history, stores the caller's phone number and time of call in the call register memory in the case it is set to leave the caller's phone number in the caller's phone number setting, and stores the time of call in the call register memory in the case it is set in the caller's phone number setting not to store the caller's phone number in the call register memory and in the case the caller's phone number can not be acquired.

11. A communication apparatus comprising

a call register memory for storing an incoming-call history including a telephone number of a received call,

a display part for displaying the incoming-call history stored in the call register memory, a setting information memory for performing a control setting whether to store the telephone number of the received call on the display part as the incoming-call history, in the case a ringing time period of the received call is shorter than a specific setting time period, and

a call register control part for performing display control of the display part, based on the control setting stored in the setting information memory.

12. The communication apparatus of claim 11, comprising

a phone book memory for registering a telephone number for specifying a communication party, and

wherein the setting information memory displays the telephone number on the display part as the incoming-call history when the telephone number of the received call has been stored in the phone book memory.

13. The communication apparatus of claim 11, comprising

an operation part for starting a display function of the display part, and

wherein, when an incoming-call history whose telephone number is not displayed on the display part is specified by an operation of the operation part, out of incoming-call histories of received calls, the telephone number can be displayed on the displayed part.

5      14. A communication apparatus comprising

        a call register memory for storing an incoming-call history of a received call,

        a setting information memory for performing a control setting whether to store a telephone number of the received call in the call register memory, in the case a ringing time period of the received call is shorter than a specific setting time period, and

10      a call register control part for storing the incoming-call history of the received call in the call register memory, based on the control setting stored in the setting information memory.

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